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SOURCE Newspapers as indicated.

PLANT MAKES ONE INSTRUMENT EVERY 40 SECONDS

PLANT ON CONVEYER-BELT BASIS -- Moskovskiy Bol'shevik, No 210, 6 Sep 49

The following operations in the Moscow Instrument Plant are now performed on a conveyer-belt basis: forming, welding, machining of shanks, instrument assembly, and degreasing and painting of parts. The degreasing and painting is done on six conveyers feeding two automatic units. These lines, now 300 meters long, will be 350 meters long by the end of the year.

As a result of the above methods, a finished and packaged instrument comes off the assembly line every 40 seconds. The plant has been out of the red since the beginning of 1948. Profits in the first 6 months of 1949 reached 5 million rubles.

Material savings are receiving much consideration. Many parts formerly made of nonferrous metals are now being made of ferrous metal without detriment to their qualities. Recently, more than 20 different parts which had been manufactured from nonferrous rolled stock were converted to manufacture by pressing from powdered stock. Production of fastening parts on cold upsetting automatics has been perfected, freeing eight automatic lathes for other work.

Plans are in the making for bringing material from the stock room to the forming shop. This will completely close the production cycle from raw materials to packaged product.

BUTT-WELDS CUTTING TOOLS -- Leningradskaya Pravda, No 233, 2 Oct 49

Toolmakers at the Plant imeni Vtoroy pyatiletki have found a method of cutting the cost of making a module cutter 15 percent. They have also undertaken butt-welding of high-speed steel cutting tools. The plant has machine, matrix, repair, assembly and other shops.

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ASPIRANTS STUDY AT INDUSTRIAL ENTERPRISES -- Pravda, No 268, 25 Sep 49

The Industrial Institute imeni Zhdanov has seven groups of aspirants at industrial enterprises in the City of Gor'kiy and vicinity. These groups consist of 90 engineers who are studying for candidate degrees. This undertaking has been successful at the Automobile Plant imeni Molotov, "Krasnaya Etma" Plant, and others.

The institute is organizing another such group at the [Gor'kiy] Milling Machine Plant.

MAKES POWER SAWS -- Sovetskaya Moldaviya, No 198, 2 Oct 49

A brigade at the Bel'tey Machinery Plant has just completed its year quota of 170 circular-saw machines. By the jubilee of the Moldavian Republic another 12 such machines will have been built.

IMPROVE QUALITY OF SPINDLES -- Trud, No 227, 25 Sep 49

In an article published in the 17 August issue of Trud, the Kolonna "Tekstil'mash" Plant was criticized for supplying textile factories with poor-quality spindles. The plant's Party Bureau judged this criticism to be justified.

It was decided to intensify the drive for better-quality products, to extensively popularize better production methods, and to put under special control the conversion of machining spindle parts to conveyor methods.

MECHANIZE FINISHING OPERATIONS -- Moskovskiy Bol'shevik, No 235, 5 Oct 49

Grinding of sleeves has been mechanized in the attachment shop of the Machine-Tool Building Plant imeni Ordzhonikidze. Scraping of small parts has been replaced by grinding, and in one phase of this operation a part which formerly consumed 4-5 hours was finished in 30 minutes.

ELECTRIC WELDING UPS PRODUCTION -- Pravda Ukrainy, No 227, 25 Sep 49

Production at the Sumy Machine-Building Plant imeni Frunze has increased considerably by the use of automatic electric welding. Electric welding with a flux layer is widely used in the manufacture of boilers. Nearly one-third of all boiler-welding work is done by this method.

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